

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended): A process of generating high hydrophilicity for ~~an a~~ fabric containing artificial fiber ~~fabrie~~, comprising the following steps:

- (a) putting said ~~artificial fiber~~ fabric containing artificial fiber in a closed tank;
- (b) providing a gas source supplying device in fluid communication with said closed tank, said gas source supplying device being devoid of means for supplying water vapor to said closed tank;
- (c) supplying a gas from a said gas source supplying device to said closed tank;
- (d) ~~e)~~ actuating a plasma exciter to ionize said gas supplied to said closed tank, ~~so as to produce plasma gas; and,~~
- (e) ~~d)~~ treating said ~~artificial fiber~~ fabric containing artificial fiber with said produced plasma to modify surfaces of said fabric, ~~so that said fabrie shows~~ for providing high moisture absorption and ~~allows~~ allowing rapid natural evaporation of the absorbed moisture.

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Responsive to Office Action dated 25 August 2003

Claims 2 - 5 (Cancelled).

Claim 6 (Currently amended): A The process as claimed in claim 1, wherein of generating high hydrophilicity for a fabric containing artificial fiber, comprising the following steps:

- (a) putting said fabric containing artificial fiber in a closed tank;
- (b) supplying a gas from a gas source supplying device to said closed tank, said the plasma state gas is being selected from a group consisting of argon (Ar), helium (He), nitrogen (N₂), oxygen (O₂), and ammonia gas (NH₃);
- (c) actuating a plasma exciter to ionize said gas supplied to said closed tank to produce plasma gas; and,
- (d) treating said fabric containing artificial fiber with said produced plasma to modify surfaces of said fabric for providing high moisture absorption and allows allowing rapid natural evaporation of the absorbed moisture.

Claims 7 - 13 (Cancelled).